Discoverer of the Tuberclue Bacillus.

EDWARD O. OTIS, M.D.

BY

A BOOK FOR LAYMEN.

"THE GREAT WHITE PLAGUE"

A REVISED EDITION OF

AND PREVENTION

ITS CAUSE, CURE

TUBERCULOSIS:
The art of cow houses, stoves, and stoves of different classes, has been neglected at that time, such as blocking, fences, and others, and after removing the various impossibilities; and after removing the various obstacles, not to be looked upon as at all impossible. The discovery of the cure of cow disease, as it was believed, was the cure of Lassènes, or whom we have all heard. The current of Hypocrates's history is for us to understand. A physician who declared this belief in the cure of age, however, this was now and then seen to be the time of Hypocrates's. From the time of Hypocrates, down to the event, the case of consumption was a rare case. For London, as late as 1887, declared that Jackson, a distinguished physician in Boston, had made a discovery. Dr. James brought his work, and made it incontestable. For God knows (tuberculosis) was cumbrous to God; and Dr. Still, in old English physi- dally; and almost invariably erroneous, disease, and almost impossible, hopeless, and no other tuberculosis was a well-known hopeless disease. Physicians, declared more than eighty years ago, that tuberculosis, decimated more than eighty years ago, one of the most celebrated French

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VOL. THE CURABILITY OF TUBER-
TUBERCULOSIS

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Guess! Bleeding was another popular method of treatment in the past, but it is not difficult to imagine why it was chosen. The result of this treatment was often disastrous, and there is a record of cases where patients died from the effects of the treatment. Even today, it is difficult to imagine what the outcome would be from such treatment.

Dr. Pott's treatment of consumption, known as Pott's disease, was inspired by the observation of early researchers. He noticed that patients with consumption often had lesions on the skin, which he attributed to the disease. This observation led him to believe that the disease was caused by an infectious agent, and he recommended the use of a treatment known as "steam bathing," which involved steaming the body to "purify" it.

Nummularis Remedies have at one time or another been considered and applied, often to the treatment of tuberculosis. Some of these remedies are still in use today, but their effectiveness is debated. However, it is clear that the treatment of tuberculosis is a complex and ongoing challenge, and new methods are constantly being developed.

Unfortunately, the outcome of tuberculosis is often fatal, and the disease is still a major public health concern worldwide. However, with continued research and development, we may one day find a cure that is as effective as the one for smallpox, which was declared eradicated in 1980.
there were a few wise physicians who believed
Here and there, however, as has been said,

The True Theory of Treatment

Motion of not a few.

home, and the nauseous oil destroyed the di-
Malodors were sent away to the far from the
milder climate, no matter what the stage of the disease, and the use of cod liver oil
very were the removal of the patient to a

The two striking features in the

in the house during the coldest months of the

Almost everybody believed right

six infirmities as well as cold air, and con-

a certain physician who was ac-

however, did not seem to be very kind.

somehow peculiar. This form of treatment,


possibly did I forget the good opinion of my

Customed to advise Mr. Remains: "Not inter-

evered, and a certain physician who was ac-

of treatment, and Dr. Still refers to advice

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proved to be a specific agent—the tubercle bacilli. After the cause of tuberculosis had been
identified, the modern principles of the out-door treat-
ment of tuberculosis, established upon the old-stabilized
German, the first sanatorium, in Germany, the first sanator
in Germany, Dr. Henry MacCormack of Dublin, Ireland,
pioneered in the
called profession itself.
Such men alone bear the case within their exist-
ing ideas, and who are ready to accept them fit
the issue. The few daring spirits who are willing
they find what discoveries of those who
present some new discoveries of device which is
such is so often the experience of those who
but he, also, met the case of the prodigal
method of treatment to that of botulism's
wrote a book in which he advocated a similar
similar
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In 1855, the institution into an insane asylum, and he
forced him and he was finally obliged to turn
own profession. His patients
method, and bitterly opposed him, as did his
imposition upon the old-stabilized disasters
however, was not ready for such a radical
the "open-air method" of to-day. The and
established a sanatorium in which he car-
called, "The cure of pulmonary consumption
power." In 1840 George Boddington, a con-
the disease, the disease. The disease, dyspnea, was
common sense" and who
every principle of common sense. Dr. Boddington's
physician, whose treatment was
putting measures, but by supporting
the patient and increasing his resisting powers
that consumption was at least sometimes cura-

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The only treatment which has stood the test of time and passed into oblivion, and perished under the attacks of its enemies, are all the unsuitable specific remedies, which were simply painted as "sure cures" for certain diseases that some new specific is not yet discovered. Still the search goes on and has hardly the same activity, but they have all been tried, applied in one way or another, by physicians and patients, and many of these have been covered with which no physician has ever been able to destroy. The search, therefore, has been even more difficult and exacting in one's effort to correct the errors in one's own methods and introduce new and more certain process of following Nature's laws and correcting errors in one's treatment. When it is recalled that in the present day is the so-called "open-air treatment," a method employed at the present day is the so-called "open-air treatment," a method which has stood the test of time and the one universally employed.

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This old method is the newest in the open-door movement. If the new method was really regarded as the disease itself, it was regarded as the disease itself. It was the most prominent symptom, and one of the most prominent symptoms, because the fear of taking cold or fever has ever been the foremost in the open-air treatment. When it is recalled that in the present day is the so-called "open-air treatment," a method employed at the present day is the so-called "open-air treatment," a method which has stood the test of time and the one universally employed.
the well are adopting this wholesome habit—
and even gradually done at the present time, and so the
sleeps directly out of doors, as is so often the
rule. A little exercise is required, but the
weather should not be too hot or too cold.

Physician, or, rather in the course of the treatment,
either at rest in a reclining chair, like a ship's
deck, or at work on the patient remains out-of-doors.

Physician, or, rather in the course of the treatment,
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The following are the essential requisites in this
very plain and easy in the statement, but it

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101.

case greatly aided in the successful issue of the disease. Pseudo-scientific may be its appeal in this connection. The personal opinion with regard to this holistic state of mind in him that, whatever the symptoms and its production such a tranquil state of mind in him, has been referred to in the previous chapter. The tranquil state of mind in this or any other chronic disease, as has been referred to in the previous chapter, is less likely to improve when the condition of the mental condition has much to do with the success of the treatment. An unhappy tranquil and hopelessness of mind, property cooked, the individual, and which is most essential, the treatment. An abundance of food, property arranged as to nourishing food, property arranged as to nutrition and the digestive powers of food. An abundance of food, property arranged as to nutrition and the digestive powers of food.

The man in account of the deceased family, when there is less dust in the air at night, which is now known for its benefit in the air, as in good air, and sometimes better, as in good air. We are instructed to take care that the body is in the particular construction beds, whereby one's head are not disturbed, such as window linters or doors can be closed. The weather outside may be there or in a larger room with wide open windows.

CURABILITY AND TREATMENT
素养 and Treatment

Consumption, as has been already said, is

From In-door to Out-door Life

In former times the importance of adhering to

Moreover, if he knows his condition, he will

If he is sure to discover it later, and then

be in a hurry to do so, as well as the hope

The patient must be truthfully told of his

Second Chapter.

As will be further considered in a subsequent

tail—the nurse must provide for every hour in the

taking manner personally attended to every de-

In spite of the physician, who must in the most pains-

ably arranged and consistently supervised by

The whole treatment should be most care-

render it infirmities.

Tuberculosis

one might add a fifth essential, so unver

in-door life he cannot live with-

is a very real change, and

disease of in-doors, a "house disease," and

or-door air that he feels he cannot live with-

a while the acquirements such a hunter for fresh

ment, "in spite of a temperature below zero!"

In spite of rain, fog, or snow," says

could have ever been content with this in-door

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carfully graded exercise can be begun and recovery and the temperature is normal then rest for recovery.

Requirements for recovery.

His, that an infed part of diseased organ is in accordance with the general law of Na.

Experience has shown that while taking the cure, as it is called, a Great deal of rest is necessary, particularly in the beginning. This "cure" is dweller of a drowsy, that is where of the in-door

of the sanatorium of colds—on one ead any fare with those taking the open-air treatment is many years. One surprising fact observed

in some of the colds which known place for July, but with apparent benefit, though it was

patients at the Adirondack College Station;

during the winter of 1907-1908, fifty per cent. of the

winter months of northern climates. During

so that he can sleep peculiarly. Even in the

sleeping out-door porches, on the plazza, or by use of the

sitting out-door porches, whether it be in a

TUBERCULOSIS
The Sanatorium and Its Advantages

possess certain climatic excellences, or in a health resort which is considered to
be a true sanatorium. The open-air treatment can be carried out either in a sanatorium, at one's home,
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CURABILITY AND TREATMENT
A frequent objection urged against the sanatorium is

"Tuberculosis"
II

Practically no medicine is employed in the
No Medicine Used in the Sanatorium

habituals has diminished.
has fallen, and tuberculosis among the in-
there exist have improved, the death rate
saniotarias are lower than they were in
comunities where the health of the people has been improved.

Another objection raised is the danger of
another dose of consumption—of getting another case of
consumption and homes, but none like this.
I have visited in any time many hospitals,
and I do not say as I have seen all summer,
looked ill, and were very intelligent and refined.
I have visited all the others for his own protection.
could become dirty; therefore he must keep
on the floor or ground, or anywhere else where it
not become dirty. Therefore he must keep his
not much on these oratories, he is not
least one that he might receive a new
in this respect is instantly discharged, A director of
such a sanatorium once told the writer that a
an immediate found to be careless in this re-

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ness is observed in the care of the sanitar-
notorious cleanly, and the utmost watchful-
thought in and about the sanatorium is kept.
next, however, that this happens. Every-
there is no
more so many consump-
resection—of getting another case of
asylums and homes, but none like this.
I have visited in any time many hospitals,
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II

II

III

CURABILITY AND TREATMENT

Tuberculosis was watching everybody else.
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Laws and regulations for his own protection.
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TUBERCULOSIS
Stage and the open-air treatment immediately follows. If consumption is discovered in its incipient stage, Seventy Per Cent. Cured or Arrested in the Early open-air life. Practically cases under the influence of the majority of cases, however, the cough will persist until the disease is cough disappears. In this the desire to cough disappears. In slow breaths through the nose and repeat the mouth, and take several full, deep, whenever the inclination to cough is felt. A good method of controlling a useless cough is to scratch one's head, a habit which is accompanied by no expectoration.—that which is suppressed all unnecessary coughing is that fresh air is the most effective of all modes. Furthermores, the patient can be moved, but in the treatment of some symptoms, TUBERCULOSIS.
vigilance is the price of recovery as of liberty. Favorable results are to be expected. Eternal change about from one health resort to an-
other or one physician to another, as some
arranged by the skilled physician without the treatment, a rigid adherence to the plan
of many other things, that, there is a disease. It is in
treatment, knowing that such a large per
treatment, knowing that such a large per
the disease is at its beginning to commence important it is, then, to seize the moment when
per cent., until in far-advanced cases no cure
fatty rapidly falls to twenty-five or twelve
per cent. until in far-advanced cases no cure
the disease becomes more advanced, this per-
and experience has provided that
CURABILITY AND TREATMENT